

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011467.D
 Acq On : 12 Aug 2019 06:14
 Operator : JC/SP
 Sample : K4230-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D1-(0)

Quant Time: Aug 12 09:28:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

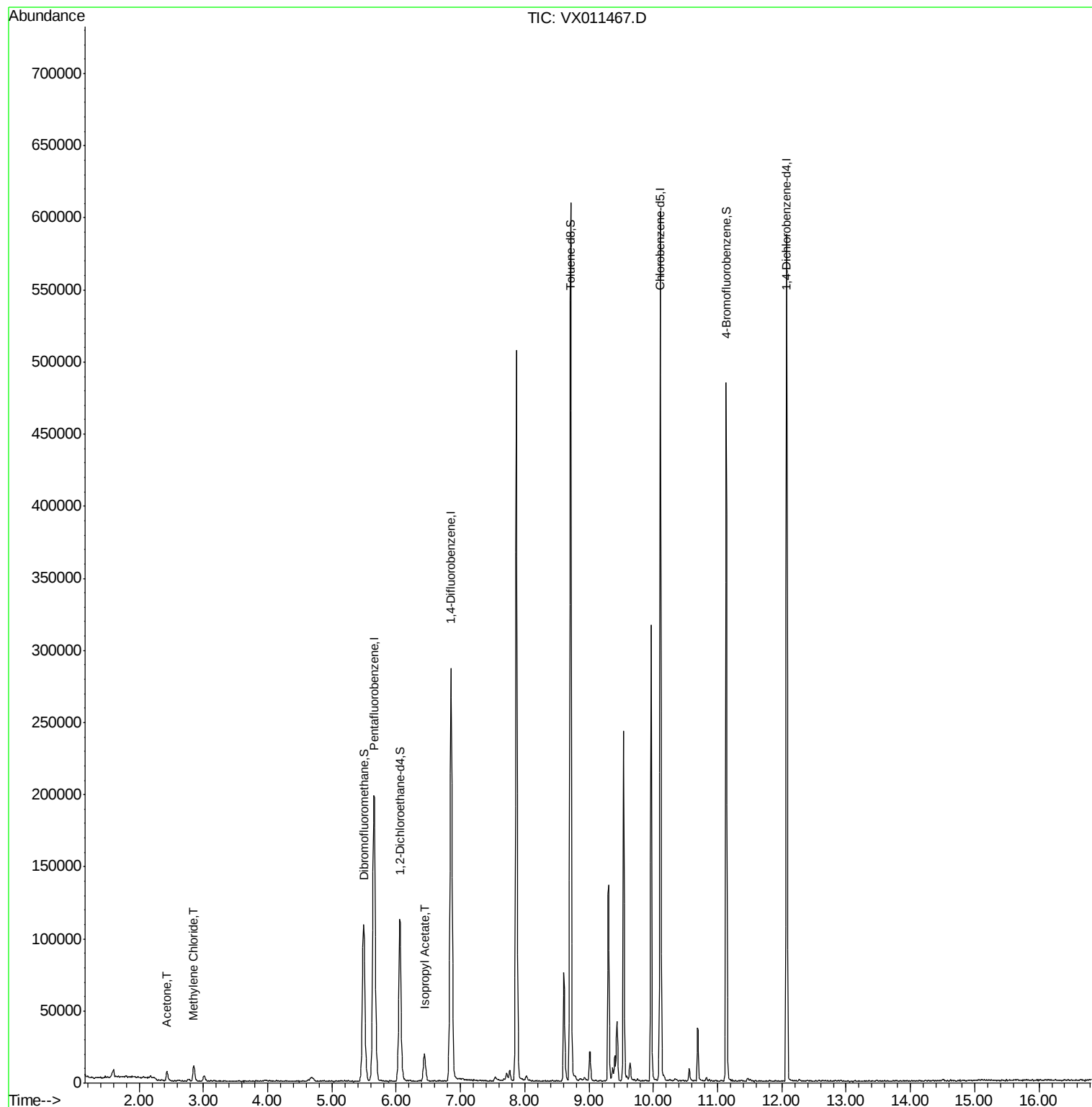
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106765	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
35) Dibromofluoromethane	5.49	113	90406	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	8.71	98	357978	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	117749	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
16) Acetone	2.43	43	7869	8.336	ug/l	98
20) Methylene Chloride	2.85	84	5313	2.570	ug/l	98
43) Isopropyl Acetate	6.44	43	25067	6.050	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011467.D

Acq: 12 Aug 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

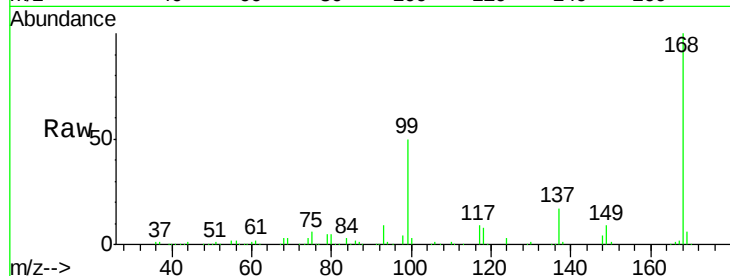
2S-D1-(0)

Tot Ion:168 Resp: 196941

Ion Ratio Lower Upper

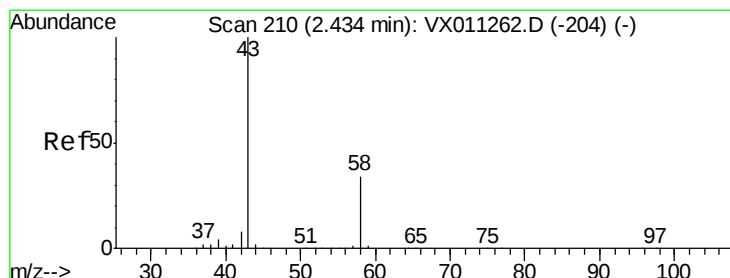
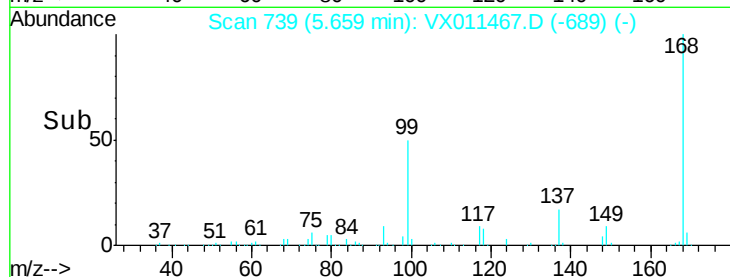
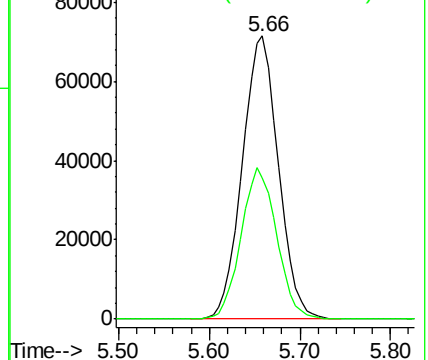
168 100

99 49.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.336 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011467.D

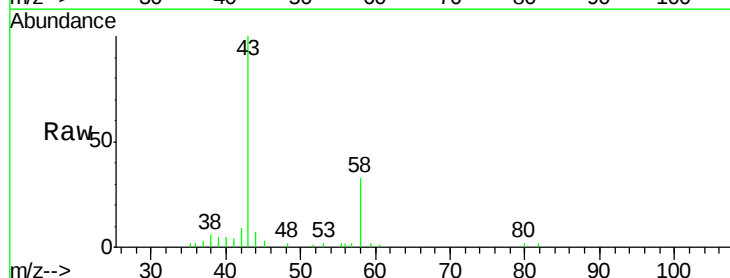
Acq: 12 Aug 2019 06:14

Tgt Ion: 43 Resp: 7869

Ion Ratio Lower Upper

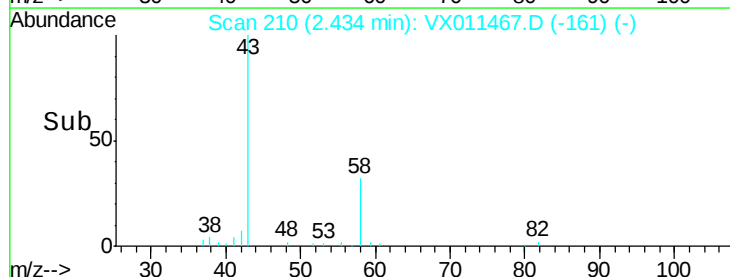
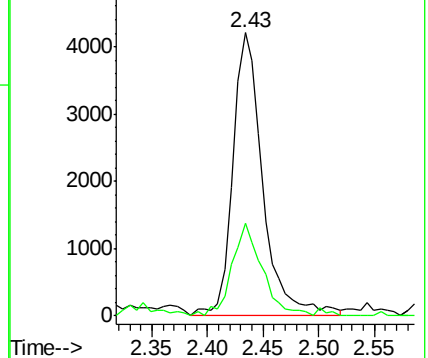
43 100

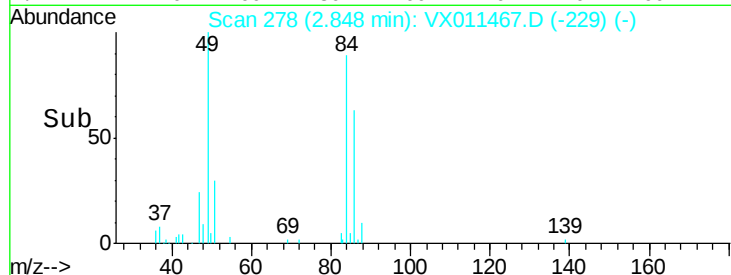
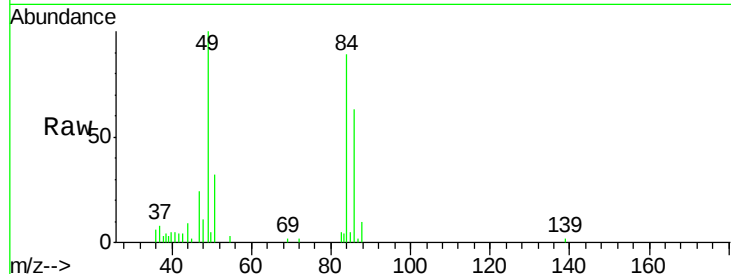
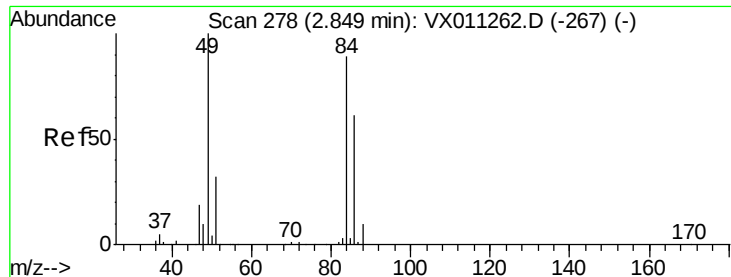
58 32.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

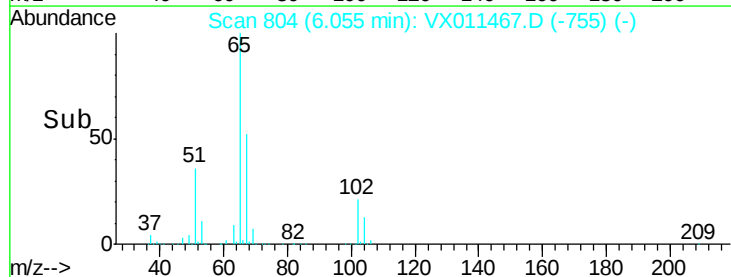
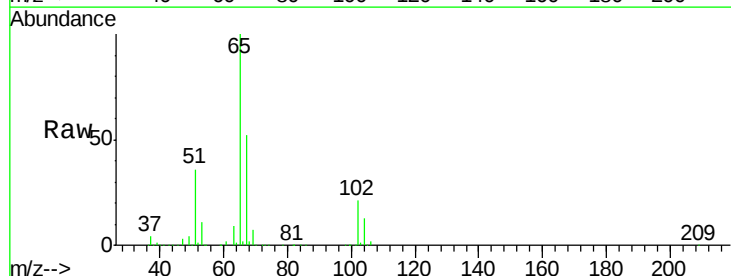
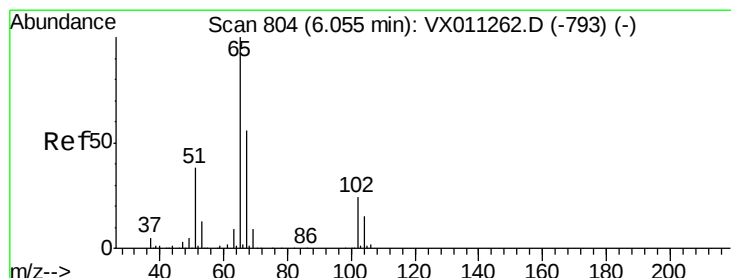
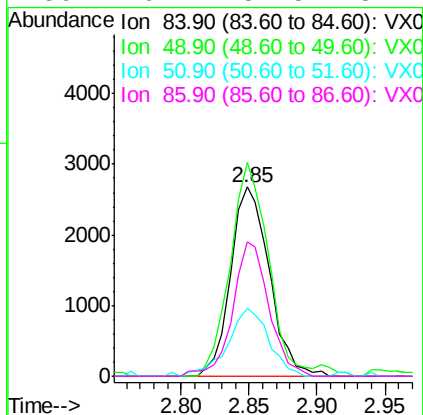




#20
Methylene Chloride
Concen: 2.570 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011467.D
Acq: 12 Aug 2019 06:14

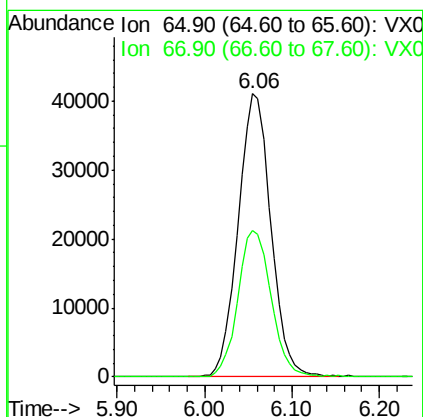
Instrument :
MSVOA_X
ClientSampleId :
2S-D1-(0)

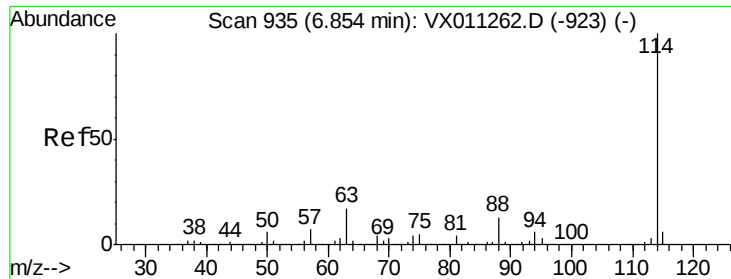
Tot Ion:	84	Resp:	5313
Ion	Ratio	Lower	Upper
84	100		
49	112.8	89.3	133.9
51	34.0	28.3	42.5
86	70.7	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 53.832 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011467.D
Acq: 12 Aug 2019 06:14

Tgt Ion:	65	Resp:	106765
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	110.6

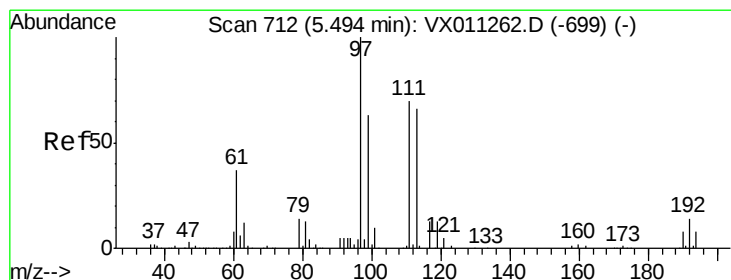
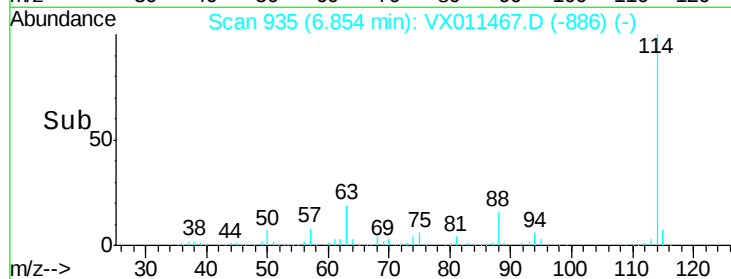
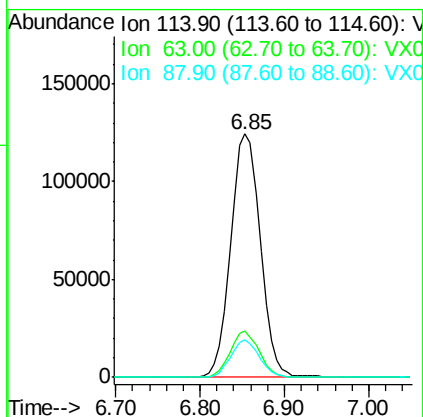
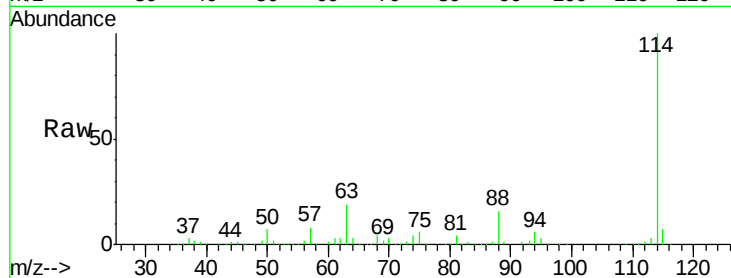




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011467.D
 Acq: 12 Aug 2019 06:14

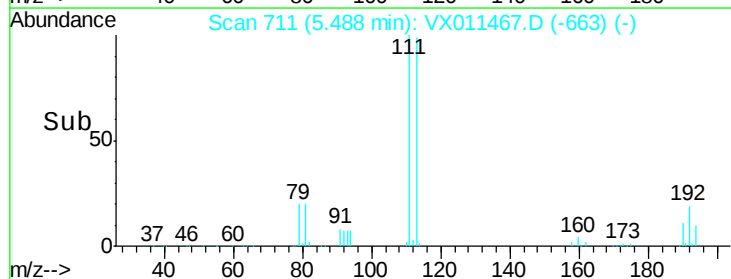
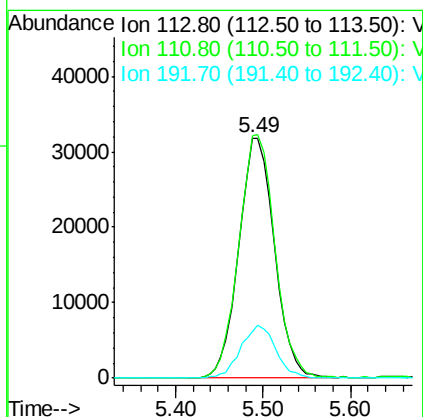
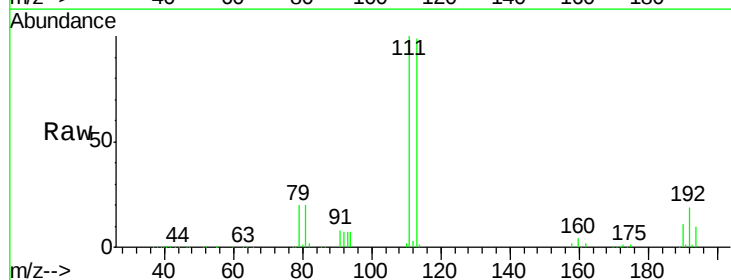
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D1-(0)

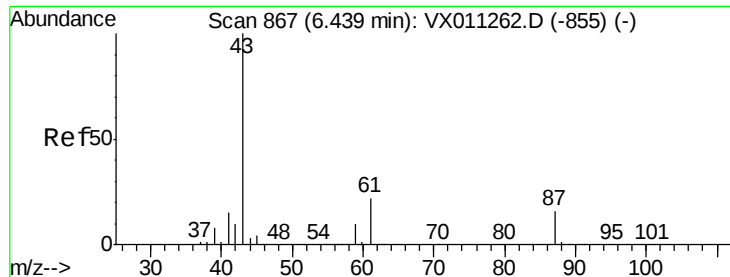
Tot Ion:114 Resp: 295939
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.0
 88 15.5 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.791 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011467.D
 Acq: 12 Aug 2019 06:14

Tgt Ion:113 Resp: 90406
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 21.5 17.8 26.8





#43

Isopropyl Acetate

Concen: 6.050 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011467.D

Acq: 12 Aug 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

2S-D1-(0)

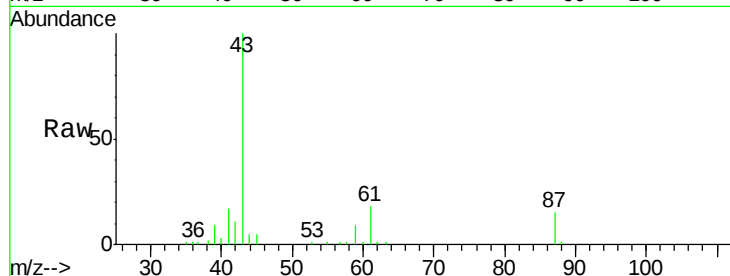
Tot Ion: 43 Resp: 25067

Ion Ratio Lower Upper

43 100

61 21.7 16.5 24.7

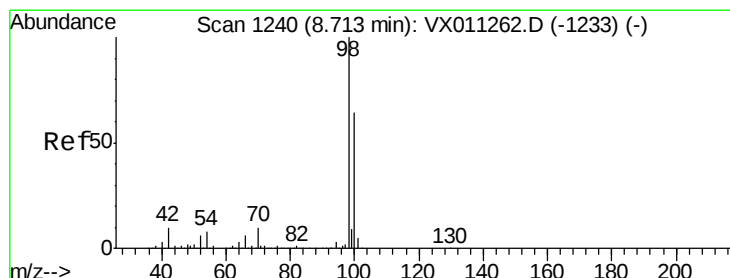
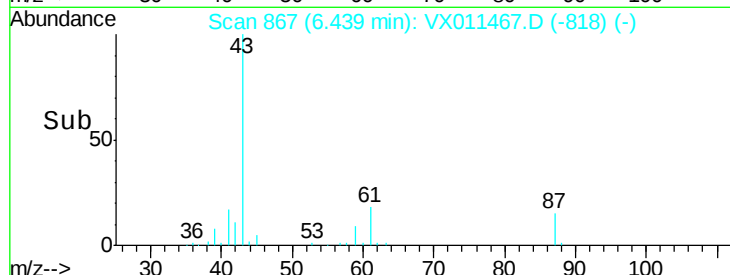
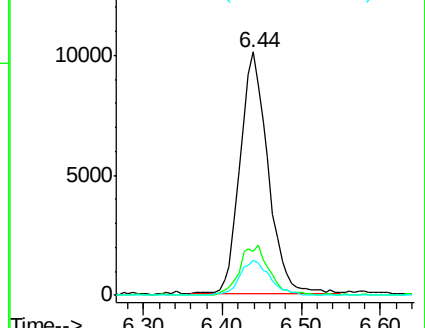
87 15.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.084 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011467.D

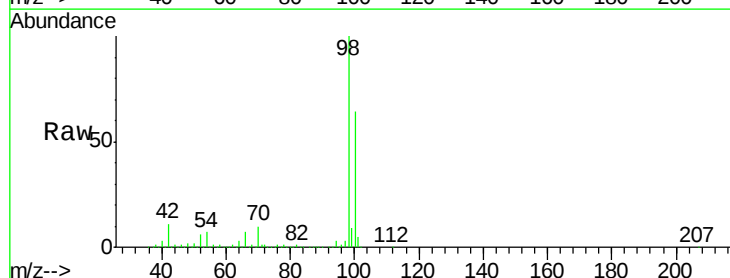
Acq: 12 Aug 2019 06:14

Tgt Ion: 98 Resp: 357978

Ion Ratio Lower Upper

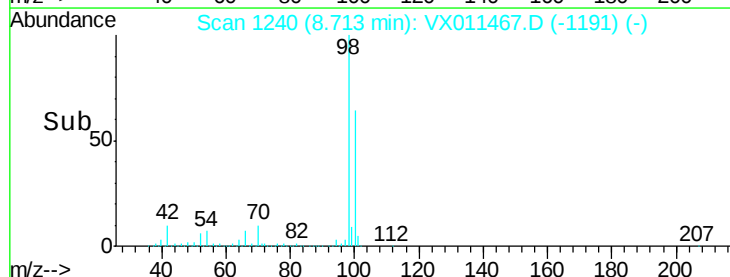
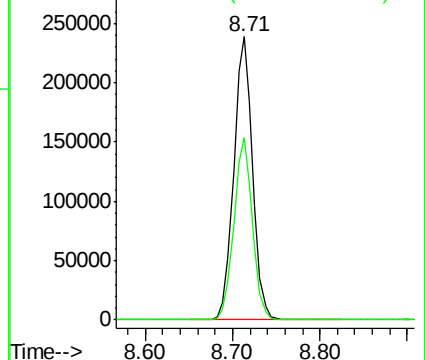
98 100

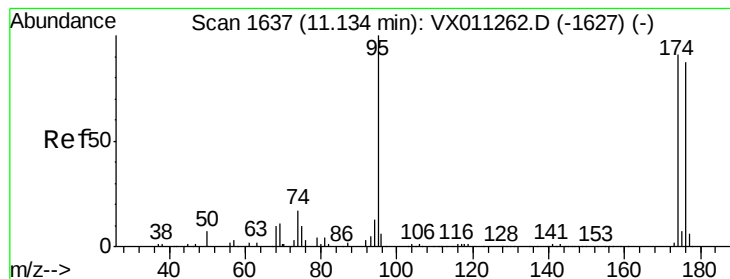
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011467.D

Acq: 12 Aug 2019 06:14

Instrument :

MSVOA_X

ClientSampleId :

2S-D1-(0)

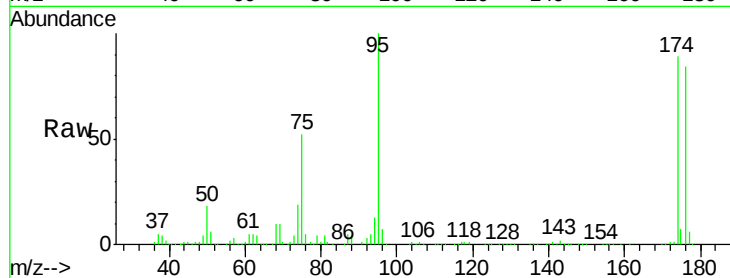
Tot Ion: 95 Resp: 117749

Ion Ratio Lower Upper

95 100

174 91.5 0.0 191.2

176 87.5 0.0 184.8

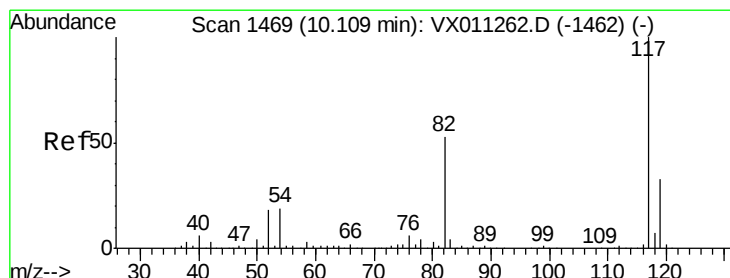
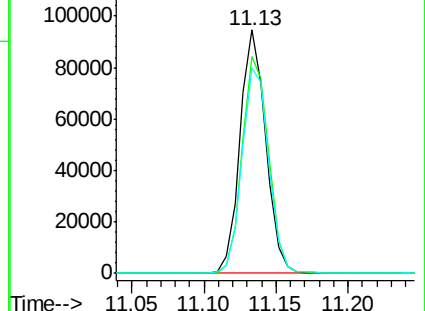
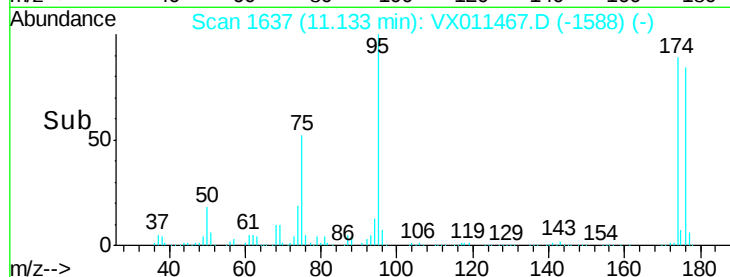


Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011467.D

Acq: 12 Aug 2019 06:14

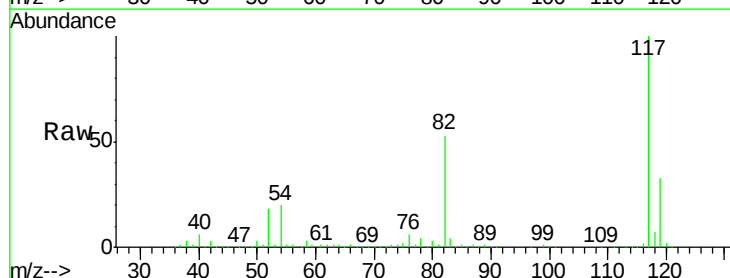
Tgt Ion: 117 Resp: 272961

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

119 32.6 26.6 39.8

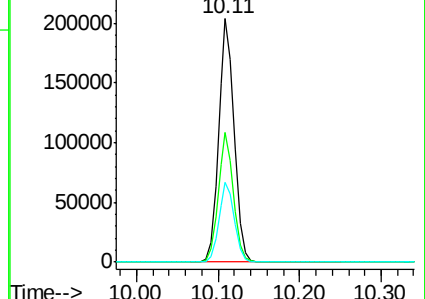
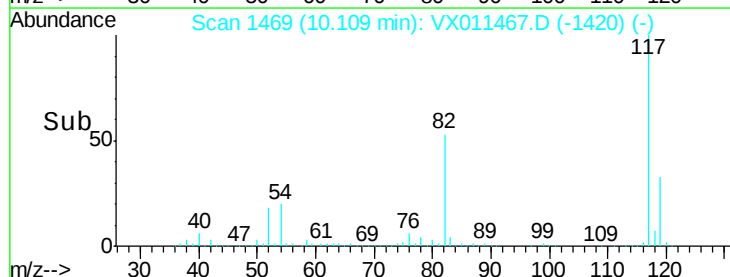


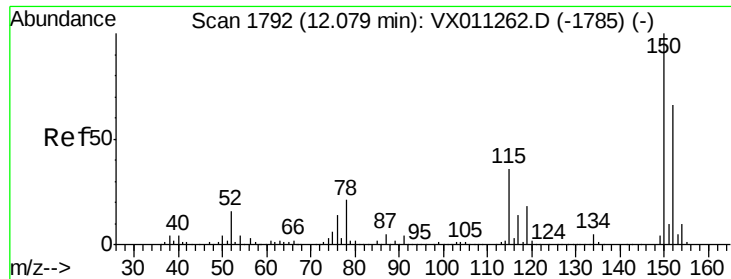
Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011467.D
 Acq: 12 Aug 2019 06:14

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-D1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.0	119.9
150	155.9	0.0	350.4

